

L5 82 FOCUS L4 1-

=> d 15 1-20 ibib

L5 ANSWER 1 OF 82 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 2001:472909 CAPLUS

DOCUMENT NUMBER: 135:41785

TITLE: **Embryonic** or **stem**-like cells
produced by cross species nuclear transplantation

INVENTOR(S): Cibelli, Jose; Lanza, Robert; Robl, James

PATENT ASSIGNEE(S): University of Massachusetts, USA

SOURCE: PCT Int. Appl., 70 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001046401	A1	20010628	WO 2000-US12631	20000510
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 1999-467076 A 19991220

REFERENCE COUNT: 9

REFERENCE(S): (1) Bradley; Biotechnology 1992, V10, P534 MEDLINE
(3) Dominko; Biology of Reproduction 1999, V60, P1496 CAPLUS
(4) Granerus; Cell Proliferation 1996, V29(6), P309 CAPLUS
(6) Stice; Theriogenology 1998, V49, P129 CAPLUS
(7) Tsukamoto; US 5716827 A 1998 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 82 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 2001:472405 CAPLUS

DOCUMENT NUMBER: 135:41784

TITLE: A **nuclear transfer** method to
produce cloned embryos and adults from cultured
embryonic stem cells

INVENTOR(S): Perry, Anthony C. F.; Mombaerts, Peter; Wakayama, Teruhiko

PATENT ASSIGNEE(S): USA

SOURCE: PCT Int. Appl., 74 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CAPLUS
 (4) Univ Monash; WO 9503398 A 1995
 (5) Wisconsin Alumni Res Found; WO 9622362 A 1996
 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 82 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 2000:618733 CAPLUS
 DOCUMENT NUMBER: 133:279458
 TITLE: Behavior of M-phase synchronized blastomeres after
nuclear transfer in cattle
 AUTHOR(S): Alberio, Ramiro; Motlik, Jan; Stojkovic, Miodrag;
 Wolf, Eckhard; Zakhartchenko, Valeri
 CORPORATE SOURCE: Department of Molecular Animal Breeding and Genetics,
 Ludwig-Maximilian University, Oberschleissheim,
 Germany
 SOURCE: Mol. Reprod. Dev. (2000), 57(1), 37-47
 CODEN: MREDEE; ISSN: 1040-452X
 PUBLISHER: Wiley-Liss, Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 57
 REFERENCE(S): (3) Barnes, F; Mol Reprod Dev 1991, V29, P117 CAPLUS
 (6) Campbell, K; Biol Reprod 1993, V49, P933 CAPLUS
 (8) Campbell, K; Rev Reprod 1996, V1, P40 CAPLUS
 (9) Can, A; Mol Reprod Dev 1997, V46, P351 CAPLUS
 (10) Can, A; Mut Research 1997, V373, P139 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 82 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 2000:772740 CAPLUS
 DOCUMENT NUMBER: 133:318281
 TITLE: Telophase enucleated oocytes for **nuclear**
transfer
 INVENTOR(S): Smith, Lawrence C.; Bordignon, Vilceu
 PATENT ASSIGNEE(S): Universite de Montreal, Can.
 SOURCE: PCT Int. Appl., 28 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
WO 2000065035	A1	20001102	WO 2000-CA483	20000427
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 1999-131469 P 19990428	
REFERENCE COUNT:			6	
REFERENCE(S):			(1) Baguisi, A; NAT BIOTECHNOL 1999, V17(5), P456	

CAPLUS

(2) Bordignon, V; MOLECULAR REPRODUCTION AND DEVELOPMENT 1998, V49(1), P29 CAPLUS

(4) Nour, M; THERIOGENOLOGY 1999, V51(3), P661

MEDLINE

(5) Sun, F; CURRENT TOPICS IN DEVELOPMENTAL BIOLOGY 1995, V30, P147 CAPLUS

(6) Wilmut, I; NATURE 1997, V385(6619), P810 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 82 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1997:471366 CAPLUS

DOCUMENT NUMBER: 127:186307

TITLE: Production of cloned lambs from an established **embryonic** cell line: a comparison between in vivo- and in vitro-matured cytoplasts

AUTHOR(S): Wells, David N.; Misica, Pavla M.; Day, A. M.; Tervit, H. Robin

CORPORATE SOURCE: Ruakura Research Centre, AgResearch, Hamilton, N. Z.

SOURCE: Biol. Reprod. (1997), 57(2), 385-393

CODEN: BIREBV; ISSN: 0006-3363

PUBLISHER: Society for the Study of Reproduction

DOCUMENT TYPE: Journal

LANGUAGE: English

L5 ANSWER 7 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS

ACCESSION NUMBER: 1999:18608 BIOSIS

DOCUMENT NUMBER: PREV199900018608

TITLE: Isolation and long-term cultivation of rabbit **embryonic stem** cells.

AUTHOR(S): Vasil'eva, S. G. (1); Prella, K.; Mueller, S.; Besenfelder, U.; Mueller, M.; Brem, G.

CORPORATE SOURCE: (1) All-Russ. Res. Inst. Anim. Husb., Russ. Acad. Agric. Sci., Dubrovitsy 142012 Russia

SOURCE: Ontogenez, (Sept.-Oct., 1998) Vol. 29, No. 5, pp. 347-353.

ISSN: 0475-1450.

DOCUMENT TYPE: Article

LANGUAGE: Russian

SUMMARY LANGUAGE: Russian; English

L5 ANSWER 8 OF 82 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 2001:37957 CAPLUS

DOCUMENT NUMBER: 134:66794

TITLE: The significance of cloning. Perceptions on natural and experimental totipotency to pave the way for new perspectives in transplantation medicine

AUTHOR(S): Beier, Henning M.

CORPORATE SOURCE: Institut fur Anatomie und Reproduktionsbiologie Universitätsklinikum der RWTH Aachen, Aachen, 52072, Germany

SOURCE: Nova Acta Leopold. (2000), 83(318), 37-58

CODEN: NOALA4; ISSN: 0369-5034

PUBLISHER: Deutsche Akademie der Naturforscher Leopoldina

DOCUMENT TYPE: Journal; General Review

LANGUAGE: German

REFERENCE COUNT: 70
 REFERENCE(S): (2) Antczak, M; Mol Human Reprod 1997, V3, P1067
 CAPLUS
 (8) Brustle, O; Science 1999, V285, P754 CAPLUS
 (10) Campbell, K; Nature 1996, V380, P64 CAPLUS
 (12) Chan, A; Science 2000, V287, P317 CAPLUS
 (13) Cibelli, J; Science 1998, V280, P1256 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 9 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
 ACCESSION NUMBER: 1995:405760 BIOSIS
 DOCUMENT NUMBER: PREV199598420060
 TITLE: Carry-over of mRNA during **nuclear transfer** in pigs.
 AUTHOR(S): Parry, T. W.; Prather, R. S. (1)
 CORPORATE SOURCE: (1) 162, Animal Sci. Res. Cent., Dep. Animal Sci., Univ. Missouri-Columbia, Columbia, MO 65211 USA
 SOURCE: Reproduction Nutrition Development, (1995) Vol. 35, No. 3, pp. 313-318.
 ISSN: 0926-5287.
 DOCUMENT TYPE: Article
 LANGUAGE: English
 SUMMARY LANGUAGE: English; French

L5 ANSWER 10 OF 82 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1998:485160 CAPLUS
 DOCUMENT NUMBER: 129:92567
 TITLE: A method of oocyte enucleation and production of reconstituted embryos
 INVENTOR(S): Peura, Teija
 PATENT ASSIGNEE(S): Monash University, Australia
 SOURCE: PCT Int. Appl., 43 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9829532	A1	19980709	WO 1997-AU868	19971222
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9878912	A1	19980731	AU 1998-78912	19971222
PRIORITY APPLN. INFO.:			AU 1997-4431	19970102
			AU 1997-4432	19970102
			WO 1997-AU868	19971222

L5 ANSWER 11 OF 82 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1968:474787 CAPLUS
 DOCUMENT NUMBER: 69:74787
 TITLE: Biochemical changes during fertilization and early

embryonic development [of sea urchin and amphibian eggs]
AUTHOR(S): Brachet, J.
CORPORATE SOURCE: Univ. Libre Bruxelles, Brussels, Belg.
SOURCE: Cell Differentiation, Ciba Found. Symp. (1967), 39-64.
Editor(s): De Reuck, A., ed.. Little, Brown and Co.: Boston, Mass.
CODEN: 19ZIAT
DOCUMENT TYPE: Conference
LANGUAGE: English

L5 ANSWER 12 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1996:431418 BIOSIS
DOCUMENT NUMBER: PREV199699145024
TITLE: Reducing the amount of **cytoplasm** available for early **embryonic** development decreases the quality but not quantity of embryos produced by in vitro fertilization and nuclear transplantation.
AUTHOR(S): Westhusin, M. E. (1); Collas, P.; Marek, D.; Sullivan, E.; Stepp, P.; Pryor, J.; Barnes, F.
CORPORATE SOURCE: (1) Dep. Veterinary Physiol. Pharmacol., Coll. Veterinary Med., Texas A and M Univ., College Station, TX 77843-4466 USA
SOURCE: Theriogenology, (1996) Vol. 46, No. 2, pp. 243-252. ISSN: 0093-691X.
DOCUMENT TYPE: Article
LANGUAGE: English

L5 ANSWER 13 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 1999396672 EMBASE
TITLE: Recycling bovine embryos for **nuclear transfer**.
AUTHOR: Peura T.T.; Trounson A.O.
CORPORATE SOURCE: T.T. Peura, Centre for Early Development, Inst. of Reproduction and Devt., Monash University, Clayton, Vic. 3168, Australia
SOURCE: Reproduction, Fertility and Development, (1998) 10/7-8 (627-632).
Refs: 43
ISSN: 1031-3613 CODEN: RFDEEH
COUNTRY: Australia
DOCUMENT TYPE: Journal; Conference Article
FILE SEGMENT: 021 Developmental Biology and Teratology
LANGUAGE: English
SUMMARY LANGUAGE: English

L5 ANSWER 14 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 95313081 EMBASE
DOCUMENT NUMBER: 1995313081
TITLE: Enucleation by centrifugation of in vitro-matured bovine oocytes for use in **nuclear transfer**.
AUTHOR: Tatham B.G.; Dowsing A.T.; Trounson A.O.
CORPORATE SOURCE: HARBG, Inst. of Reproduction/Development, Monash University, 246 Clayton Road, Clayton, Vic. 3168, Australia
SOURCE: Biology of Reproduction, (1995) 53/5 (1088-1094). ISSN: 0006-3363 CODEN: BIREBV
COUNTRY: United States

DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 021 Developmental Biology and Teratology
LANGUAGE: English
SUMMARY LANGUAGE: English

L5 ANSWER 15 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 1998361474 EMBASE
TITLE: **Nuclear transfer** in mammals: Recent developments and future perspectives.
AUTHOR: Wolf E.; Zakhartchenko V.; Brem G.
CORPORATE SOURCE: G. Brem, Ludwig-Boltzmann-Institut, Veterinarplatz 1, A-1210 Wien, Austria. Gottfried.Brem@vu-wien.ac.at
SOURCE: Journal of Biotechnology, (1998) 65/2-3 (99-110).
Refs: 109
ISSN: 0168-1656 CODEN: JBITD4
PUBLISHER IDENT.: S 0168-1656(98)00132-1
COUNTRY: Netherlands
DOCUMENT TYPE: Journal; General Review
FILE SEGMENT: 029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L5 ANSWER 16 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 93252877 EMBASE
DOCUMENT NUMBER: 1993252877
TITLE: Spermatozoa-like cell invaders (nuclear vlimata) in human neoplasia.
AUTHOR: Logothetou-Rella H.
CORPORATE SOURCE: Experimental Physiology Department, Medical School, University of Athens, P.O. Box 60114, GR-153 10 Agia-Paraskevi-Athens, Greece
SOURCE: Histology and Histopathology, (1993) 8/3 (407-423).
ISSN: 0213-3911 CODEN: HIIHES
COUNTRY: Spain
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 005 General Pathology and Pathological Anatomy
016 Cancer
LANGUAGE: English
SUMMARY LANGUAGE: English

L5 ANSWER 17 OF 82 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1969:410757 CAPLUS
DOCUMENT NUMBER: 71:10757
TITLE: Properties of nuclear RNA in sea urchin embryos
AUTHOR(S): Aronson, Arthur I.; Wilt, Fred H.
CORPORATE SOURCE: Purdue Univ., Lafayette, Indiana, USA
SOURCE: Proc. Nat. Acad. Sci. U. S. (1969), 62(1), 186-93
CODEN: PNASA6
DOCUMENT TYPE: Journal
LANGUAGE: English

L5 ANSWER 18 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 97160018 EMBASE
DOCUMENT NUMBER: 1997160018
TITLE: **Nuclear transfer** in sheep embryos: The effect of cell-cycle coordination between nucleus and **cytoplasm** and the use of in vitro matured oocytes.
AUTHOR: Liu L.; Dai Y.; Moor R.M.

CORPORATE SOURCE: L. Liu, Department of Animal Science, University of
Connecticut, 3636 Horsebarn Road Ext. U-40, Storrs, CT
06269, United States
SOURCE: Molecular Reproduction and Development, (1997) 47/3
(255-264).
Refs: 44
ISSN: 1040-452X CODEN: MREDEE
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 021 Developmental Biology and Teratology
LANGUAGE: English
SUMMARY LANGUAGE: English

L5 ANSWER 19 OF 82 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1969:9605 CAPLUS
DOCUMENT NUMBER: 70:9605
TITLE: Cytonucleoproteins in cleaving eggs of *Xenopus laevis*
AUTHOR(S): Arms, K.
CORPORATE SOURCE: Univ. Oxford, Oxford, Engl.
SOURCE: J. Embryol. Exp. Morphol. (1968), 20(3), 367-74
CODEN: JEEMAF
DOCUMENT TYPE: Journal
LANGUAGE: English

L5 ANSWER 20 OF 82 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1966:37940 CAPLUS
DOCUMENT NUMBER: 64:37940
ORIGINAL REFERENCE NO.: 64:7088f-h,7089a-b
TITLE: Metabolism of nucleic acids in *Acetabularia*.
mediterranea. I. Incorporation of the precursors of
DNA, RNA, and proteins
AUTHOR(S): de Vitry, Francoise
CORPORATE SOURCE: Univ. Libre, Brussels, Belg.
SOURCE: Bull. Soc. Chim. Biol. (1965), 47(7), 1325-51
DOCUMENT TYPE: Journal
LANGUAGE: French

=> FIL STNGUIDE

FILE 'STNGUIDE' ENTERED AT 13:51:17 ON 27 SEP 2001
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Sep 21, 2001 (20010921/UP).

=> d his

(FILE 'HOME' ENTERED AT 13:42:10 ON 27 SEP 2001)

FILE 'EMBASE, BIOSIS, MEDLINE, CAPLUS' ENTERED AT 13:42:29 ON 27 SEP 2001
L1 25596 S NUCLEAR (L) TRANSFER
L2 1485 S L1 (W) CYTOPLASM
L3 839 DUPLICATE REMOVE L2 (646 DUPLICATES REMOVED)
L4 82 S L3 AND (STEM? OR EMBRYON?)
L5 82 FOCUS L4 1-

FILE 'STNGUIDE' ENTERED AT 13:51:17 ON 27 SEP 2001

=> d l4 11-82 ibib

YOU HAVE REQUESTED DATA FROM FILE 'EMBASE, BIOSIS, MEDLINE, CAPLUS' -
CONTINUE? (Y)/N:y

L4 ANSWER 11 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 1999251802 EMBASE
TITLE: Dominant distribution of mitochondrial DNA from recipient
oocytes in bovine embryos and offspring after
nuclear transfer.
AUTHOR: Takeda K.; Takahashi S.; Onishi A.; Goto Y.; Miyazawa A.;
Imai H.
CORPORATE SOURCE: K. Takeda, Department Animal Breeding Genetics, National
Institute Animal Industry, Tsukuba 305-0901, Japan
SOURCE: Journal of Reproduction and Fertility, (1999) 116/2
(253-259).
Refs: 38
ISSN: 0022-4251 CODEN: JRPFA4
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 001 Anatomy, Anthropology, Embryology and Histology
002 Physiology
021 Developmental Biology and Teratology
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 12 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 1999182503 EMBASE
TITLE: Bovine oocyte **cytoplasm** supports development of
embryos produced by **nuclear transfer** of
somatic cell nuclei from various mammalian species.
AUTHOR: Dominko T.; Mitalipova M.; Haley B.; Beyhan Z.; Memili E.;
McKusick B.; First N.L.
CORPORATE SOURCE: T. Dominko, Oregon Reg. Primate Research Center, 505 NW
185th Avenue, Beaverton, OR 97007, United States.
dominkot@ohsu.edu
SOURCE: Biology of Reproduction, (1999) 60/6 (1496-1502).
Refs: 59
ISSN: 0006-3363 CODEN: BIREBV
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 021 Developmental Biology and Teratology
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 13 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 1998361474 EMBASE
TITLE: **Nuclear transfer** in mammals: Recent
developments and future perspectives.
AUTHOR: Wolf E.; Zakhartchenko V.; Brem G.
CORPORATE SOURCE: G. Brem, Ludwig-Boltzmann-Institut, Veterinarplatz 1,
A-1210 Wien, Austria. Gottfried.Brem@vu-wien.ac.at
SOURCE: Journal of Biotechnology, (1998) 65/2-3 (99-110).
Refs: 109
ISSN: 0168-1656 CODEN: JBITD4

PUBLISHER IDENT.: S 0168-1656(98)00132-1
COUNTRY: Netherlands
DOCUMENT TYPE: Journal; General Review
FILE SEGMENT: 029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 14 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 1998171293 EMBASE
TITLE: The effect of recipient oocyte volume on **nuclear transfer** in cattle.
AUTHOR: Peura T.T.; Lewis I.M.; Trounson A.O.
CORPORATE SOURCE: Dr. T.T. Peura, Inst. of Reproduction and Devt., Monash Medical Centre, 246 Clayton Road, Clayton, Vic. 3168, Australia
SOURCE: Molecular Reproduction and Development, (1998) 50/2 (185-191).
Refs: 28
ISSN: 1040-452X CODEN: MREDEE
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 002 Physiology
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 15 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 97160018 EMBASE
DOCUMENT NUMBER: 1997160018
TITLE: **Nuclear transfer** in sheep embryos: The effect of cell-cycle coordination between nucleus and **cytoplasm** and the use of in vitro matured oocytes.
AUTHOR: Liu L.; Dai Y.; Moor R.M.
CORPORATE SOURCE: L. Liu, Department of Animal Science, University of Connecticut, 3636 Horsebarn Road Ext. U-40, Storrs, CT 06269, United States
SOURCE: Molecular Reproduction and Development, (1997) 47/3 (255-264).
Refs: 44
ISSN: 1040-452X CODEN: MREDEE
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 021 Developmental Biology and Teratology
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 16 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 97060968 EMBASE
DOCUMENT NUMBER: 1997060968
TITLE: Tissue-specific expression of an hsc90 gene and nuclear translocation of the HSC90-related protein during amphibian embryogenesis.
AUTHOR: Coumailleau P.; Bonnanfant-Jais M.-L.; Lain M.-C.; Angelier N.
CORPORATE SOURCE: N. Angelier, Lab. Biol. Moléculaire Développement, UA 1135 CNRS-Univ Pierre Marie Curie, Groupe 'Genes et

Developpement', 9 quai Saint-Bernard, F-75252 Paris Cedex 05, France
SOURCE: Development Genes and Evolution, (1997) 206/6 (397-406).
Refs: 65
ISSN: 0949-944X CODEN: DGEVFT
COUNTRY: Germany
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 021 Developmental Biology and Teratology
022 Human Genetics
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 17 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 96307202 EMBASE
DOCUMENT NUMBER: 1996307202
TITLE: Does the chaperone heat shock protein hsp70 play a role in the control of developmental processes?.
AUTHOR: Angelier N.; Moreau N.; Rodriguez-Martin M.-L.; Penrad-Mobayed M.; Prudhomme C.
CORPORATE SOURCE: UA1135 CNRS-UPMC, Groupe Genes et Developpement, Equipe Angelier, 9 quai St-Bernard, 75252 Paris Cedex 05, France
SOURCE: International Journal of Developmental Biology, (1996) 40/3 (521-529).
ISSN: 0214-6282 CODEN: IJDBE5
COUNTRY: Spain
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 021 Developmental Biology and Teratology
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 18 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 96048081 EMBASE
DOCUMENT NUMBER: 1996048081
TITLE: Transcriptional activity and nucleolar ultrastructure of **embryonic** rabbit nuclei after transplantation to enucleated oocytes.
AUTHOR: Kanka J.; Hozak P.; Heyman Y.; Chesne P.; Degrolard J.; Renard J.-P.; Flechon J.-E.
CORPORATE SOURCE: Department of Genetics, Inst. of Animal Physiology/Genetics, Czech Academy of Sciences, 277 21 Libechov, Czech Republic
SOURCE: Molecular Reproduction and Development, (1996) 43/2 (135-144).
ISSN: 1040-452X CODEN: MREDEE
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 021 Developmental Biology and Teratology
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 19 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 95370524 EMBASE
DOCUMENT NUMBER: 1995370524
TITLE: Cellular evaluation of bovine **nuclear transfer** embryos developed in vitro.
AUTHOR: Heyman Y.; Degrolard J.; Adenot P.; Chesne P.; Flechon B.;

Renard J.P.; Flechon J.E.
CORPORATE SOURCE: INRA, unite de biologie du developpement,78352
Jouy-en-Josas, France
SOURCE: Reproduction Nutrition Development, (1995) 35/6 (713-723).
ISSN: 0926-5287 CODEN: RNDEE5
COUNTRY: France
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 010 Obstetrics and Gynecology
LANGUAGE: English
SUMMARY LANGUAGE: English; French

L4 ANSWER 20 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 95313081 EMBASE
DOCUMENT NUMBER: 1995313081
TITLE: Enucleation by centrifugation of in vitro-matured bovine
oocytes for use in **nuclear transfer**.
AUTHOR: Tatham B.G.; Dowsing A.T.; Trounson A.O.
CORPORATE SOURCE: HARBG, Inst. of Reproduction/Development, Monash
University, 246 Clayton Road, Clayton, Vic. 3168, Australia
SOURCE: Biology of Reproduction, (1995) 53/5 (1088-1094).
ISSN: 0006-3363 CODEN: BIREBV
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 021 Developmental Biology and Teratology
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 21 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 95281472 EMBASE
DOCUMENT NUMBER: 1995281472
TITLE: Development of normal mice from oocytes injected with
secondary spermatocyte nuclei.
AUTHOR: Kimura Y.; Yanagimachi R.
CORPORATE SOURCE: Anatomy/Reproductive Biology Dept., Hawaii University
School of Medicine, Honolulu, HI 96822, United States
SOURCE: Biology of Reproduction, (1995) 53/4 (855-862).
ISSN: 0006-3363 CODEN: BIREBV
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 021 Developmental Biology and Teratology
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 22 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 93252877 EMBASE
DOCUMENT NUMBER: 1993252877
TITLE: Spermatozoa-like cell invaders (nuclear vlimata) in human
neoplasia.
AUTHOR: Logothetou-Rella H.
CORPORATE SOURCE: Experimental Physiology Department, Medical School,
University of Athens, P.O. Box 60114, GR-153 10
Agia-Paraskevi-Athens, Greece
SOURCE: Histology and Histopathology, (1993) 8/3 (407-423).
ISSN: 0213-3911 CODEN: HIHIES
COUNTRY: Spain
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 005 General Pathology and Pathological Anatomy
016 Cancer

LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 23 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 92350877 EMBASE

DOCUMENT NUMBER: 1992350877

TITLE: [Embryo cloning by **nuclear transfer** in domestic mammals: Actual results and research lines].
CLONAGE DE L'**EMBRYON** PAR TRANSFERT DE NOYAUX CHEZ LES MAMMIFERES DOMESTIQUES: SITUATION ACTUELLE ET VOIES DE PROGRES.

AUTHOR: Heyman Y.; Chesne P.; Rao V.H.; Renard J.P.

SOURCE: Contraception Fertilite Sexualite, (1992) 20/10 (952-958).
ISSN: 1157-8181 CODEN: CFSXAE

COUNTRY: France

DOCUMENT TYPE: Journal; Article

FILE SEGMENT: 010 Obstetrics and Gynecology

021 Developmental Biology and Teratology

LANGUAGE: French

SUMMARY LANGUAGE: French; English

L4 ANSWER 24 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 91145994 EMBASE

DOCUMENT NUMBER: 1991145994

TITLE: Preimplantation development of rabbit embryos after transfer of **embryonic** nuclei into different cytoplasmic environment.

AUTHOR: Modlinski J.A.; Smorag Z.

CORPORATE SOURCE: Department of Embryology, Institute of Zoology, University of Warsaw, 00-927/1 Warsaw, Poland

SOURCE: Molecular Reproduction and Development, (1991) 28/4 (361-372).

ISSN: 1040-452X CODEN: MREDEE

COUNTRY: United States

DOCUMENT TYPE: Journal; Article

FILE SEGMENT: 021 Developmental Biology and Teratology

LANGUAGE: English

SUMMARY LANGUAGE: English

L4 ANSWER 25 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 90083632 EMBASE

DOCUMENT NUMBER: 1990083632

TITLE: **Nuclear transfer** from teratocarcinoma cells into mouse oocytes and eggs.

AUTHOR: Modlinski J.A.; Gerhauser D.; Lioi B.; Winking H.; Illmensee K.

CORPORATE SOURCE: Department of Embryology, University of Warsaw, P-00-927/1 Warsaw 64, Poland

SOURCE: Development, (1990) 108/2 (337-348).

ISSN: 0950-1991 CODEN: DEVPED

COUNTRY: United Kingdom

DOCUMENT TYPE: Journal; Article

FILE SEGMENT: 001 Anatomy, Anthropology, Embryology and Histology

016 Cancer

021 Developmental Biology and Teratology

LANGUAGE: English

SUMMARY LANGUAGE: English

L4 ANSWER 26 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 89153801 EMBASE
DOCUMENT NUMBER: 1989153801
TITLE: Current successes in cloning mammalian embryos.
AUTHOR: Stice S.L.; Robl J.M.
CORPORATE SOURCE: Department of Veterinary and Animal Sciences, University
of
Massachusetts, Amherst, MA 01003, United States
SOURCE: Age, (1989) 12/2 (83-88).
ISSN: 0161-9152 CODEN: AGEEDB
COUNTRY: United States
DOCUMENT TYPE: Journal
FILE SEGMENT: 020 Gerontology and Geriatrics
021 Developmental Biology and Teratology
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 27 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 89006228 EMBASE
DOCUMENT NUMBER: 1989006228
TITLE: Control of cell cycle length in amphibian eggs: evidence
for a temporal relationship between the nucleus and egg
cytoplasm.
AUTHOR: Aimar C.
CORPORATE SOURCE: Laboratoire d'Immunologie Comparee, UA 1135, Universite P.
& M. Curie, 75230 Paris Cedex 05, France
SOURCE: Development, (1988) 104/3 (415-422).
ISSN: 0950-1991 CODEN: DEVPED
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal
FILE SEGMENT: 001 Anatomy, Anthropology, Embryology and Histology
021 Developmental Biology and Teratology
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 28 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 88207086 EMBASE
DOCUMENT NUMBER: 1988207086
TITLE: Differentiation expression of the homeobox gene Hox-1.3 in
F9 **embryonal** carcinoma cells.
AUTHOR: Murphy S.P.; Garbern J.; Odenwald W.F.; Lazzarini R.A.;
Linney E.
CORPORATE SOURCE: Department of Microbiology and Immunology, Duke University
Medical Center, Durham, NC 27710, United States
SOURCE: Proceedings of the National Academy of Sciences of the
United States of America, (1988) 85/15 (5587-5591).
ISSN: 0027-8424 CODEN: PNASA6
COUNTRY: United States
DOCUMENT TYPE: Journal
FILE SEGMENT: 001 Anatomy, Anthropology, Embryology and Histology
016 Cancer
021 Developmental Biology and Teratology
022 Human Genetics
029 Clinical Biochemistry
030 Pharmacology
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 29 OF 82 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 74093898 EMBASE
DOCUMENT NUMBER: 1974093898
TITLE: Mammalian cells in Xenopus eggs.
AUTHOR: Brun R.
CORPORATE SOURCE: Stat. Zool. Exp., Univ. Geneva, Chene Bougeries,
Switzerland
SOURCE: NATURE NEW BIOL., (1973) 243/122 (26-27).
CODEN: NNBYA7
DOCUMENT TYPE: Journal
FILE SEGMENT: 021 Developmental Biology and Teratology
001 Anatomy, Anthropology, Embryology and Histology
LANGUAGE: English

L4 ANSWER 30 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 2001:371845 BIOSIS
DOCUMENT NUMBER: PREV200100371845
TITLE: Differentiation of immature enterocytes into
enteroendocrine cells by Pdx1 overexpression.
AUTHOR(S): Yamada, Syu; Kojima, Hideto; Fujimiya, Mineko; Nakamura,
Takaaki; Kashiwagi, Atsunori (1); Kikkawa, Ryuichi
CORPORATE SOURCE: (1) Third Dept. of Medicine, Shiga Univ. of Medical
Science, Otsu, Shiga, 520-2192: kashiwagi@belle.shiga-
med.ac.jp Japan
SOURCE: American Journal of Physiology, (July, 2001) Vol. 281, No.
1 Part 1, pp. G229-G236. print.
ISSN: 0002-9513.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 31 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 2001:268850 BIOSIS
DOCUMENT NUMBER: PREV200100268850
TITLE: Genomic plasticity and nuclear totipotency: Application to
cloning and transgenesis in domestic mammals.
Original Title: Plasticite du genome et totipotence
nucleaire: Application a la transgenese par clonage chez
les mammiferes d'elevage..
AUTHOR(S): Renard, Jean-Paul (1); Boulanger, Laurent (1); Vignon,
Xavier (1)
CORPORATE SOURCE: (1) Unite de Biologie du Developpement et Biotechnologies,
INRA, F-78352, Jouy-en-Josas France
SOURCE: Comptes Rendus de l'Academie d'Agriculture de France,
(2000) Vol. 86, No. 4, pp. 83-97. print.
ISSN: 0989-6988.
DOCUMENT TYPE: Article
LANGUAGE: French
SUMMARY LANGUAGE: English; French

L4 ANSWER 32 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 2000:340083 BIOSIS
DOCUMENT NUMBER: PREV200000340083
TITLE: Effect of centrifugation on in vitro fertilization, early
embryonic development and parthenogenetic
activation of bovine oocytes matured in vitro.
AUTHOR(S): Chung, Jin-Tae (1); Downey, Bruce R.; Chian, Ri-Cheng
CORPORATE SOURCE: (1) Division of Reproductive Science, Department of

Obstetrics and Gynecology, University of Toronto, Toronto,
ON, M5S 2X9 Canada
SOURCE: Biology of Reproduction, (2000) Vol. 62, No. Supplement 1,
pp. 170. print.
Meeting Info.: Thirty-Third Annual Meeting of the Society
for the Study of Reproduction Madison, Wisconsin, USA July
15-18, 2000 Society for the Study of Reproduction
. ISSN: 0006-3363.
DOCUMENT TYPE: Conference
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 33 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 2000:335868 BIOSIS
DOCUMENT NUMBER: PREV200000335868
TITLE: Development of porcine **nuclear transfer**
embryos derived from granulosa cells.
AUTHOR(S): Park, Kwang-Wook (1); Kuhholzer, Birgit (1); Lai, Liangxue
(1); Machaty, Zoltan (1); Day, Bill N. (1); Prather,
Randall S. (1)
CORPORATE SOURCE: (1) Department of Animal Sciences, University of Missouri,
Columbia, MO USA
SOURCE: Biology of Reproduction, (2000) Vol. 62, No. Supplement 1,
pp. 321. print.
Meeting Info.: Thirty-Third Annual Meeting of the Society
for the Study of Reproduction Madison, Wisconsin, USA July
15-18, 2000 Society for the Study of Reproduction
. ISSN: 0006-3363.
DOCUMENT TYPE: Conference
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 34 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 2000:227348 BIOSIS
DOCUMENT NUMBER: PREV200000227348
TITLE: Nucleotides of the tRNA D-**stem** that play an
important role in nuclear-tRNA export in *Saccharomyces*
cerevisiae.
AUTHOR(S): Cleary, John D.; Mangroo, Dev (1)
CORPORATE SOURCE: (1) Guelph-Waterloo Centre for Graduate Work in Chemistry
and Biochemistry, Department of Chemistry and
Biochemistry,
University of Guelph, Guelph, ON, N1G 2W1 Canada
SOURCE: Biochemical Journal, (April 1, 2000) Vol. 347, No. 1, pp.
115-122.
ISSN: 0264-6021.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 35 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1999:493655 BIOSIS
DOCUMENT NUMBER: PREV199900493655
TITLE: Subcellular distribution of the *Xenopus* p58/lamin B
receptor in oocytes and eggs.
AUTHOR(S): Gajewski, Andreas; Krohne, Georg (1)
CORPORATE SOURCE: (1) Division of Electron Microscopy, Biocenter of the
University of Wuerzburg, Am Hubland, D-97074, Wuerzburg

Germany
SOURCE: Journal of Cell Science, (Aug., 1999) Vol. 112, No. 15,
pp.

2583-2596.
ISSN: 0021-9533.

DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 36 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS

ACCESSION NUMBER: 1999:398778 BIOSIS

DOCUMENT NUMBER: PREV199900398778

TITLE: Development of pig embryos reconstructed by microinjection
of cultured fetal fibroblast cells into in vitro matured
oocytes.

AUTHOR(S): Tao, T.; Machaty, Z.; Boquest, A. C.; Day, B. N.; Prather,
R. S. (1)

CORPORATE SOURCE: (1) 162 ASRC, Department of Animal Sciences, University of
Missouri-Columbia, Columbia, MO, 65211 USA

SOURCE: Animal Reproduction Science, (June 28, 1999) Vol. 56, No.
2, pp. 133-141.

ISSN: 0378-4320.

DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 37 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS

ACCESSION NUMBER: 1999:18608 BIOSIS

DOCUMENT NUMBER: PREV199900018608

TITLE: Isolation and long-term cultivation of rabbit
embryonic stem cells.

AUTHOR(S): Vasil'eva, S. G. (1); Prella, K.; Mueller, S.;
Besenfelder,

U.; Mueller, M.; Brem, G.

CORPORATE SOURCE: (1) All-Russ. Res. Inst. Anim. Husb., Russ. Acad. Agric.
Sci., Dubrovitsy 142012 Russia

SOURCE: Ontogenez, (Sept.-Oct., 1998) Vol. 29, No. 5, pp.
347-353.

ISSN: 0475-1450.

DOCUMENT TYPE: Article
LANGUAGE: Russian
SUMMARY LANGUAGE: Russian; English

L4 ANSWER 38 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS

ACCESSION NUMBER: 1998:115348 BIOSIS

DOCUMENT NUMBER: PREV199800115348

TITLE: Effects of strength and duration of direct current (DC)
pulse, and age of donor embryo on fusion and development
of

bovine **nuclear transfer** embryos.

AUTHOR(S): Im, K. S. (1); Kim, H. J.; Oh, S. J.; Yang, B. S.; Jin, D.
I.

CORPORATE SOURCE: (1) Dep. Anim. Sci. Technol., Coll. Agric. Life Sci.,
Seoul

Natl. Univ., Suwon 441-744 South Korea

SOURCE: Korean Journal of Animal Science, (Sept., 1997) Vol. 39,
No. 5, pp. 493-500.

ISSN: 0367-5807.

DOCUMENT TYPE: Article
LANGUAGE: Korean
SUMMARY LANGUAGE: Korean; English

L4 ANSWER 39 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1997:342111 BIOSIS
DOCUMENT NUMBER: PREV199799641314
TITLE: Full-term development after transfer of nuclei from 4-cell
and compacted morula stage embryos to enucleated oocytes
in

the mouse.
AUTHOR(S): Tsunoda, Y. (1); Kato, Y.
CORPORATE SOURCE: (1) Lab. Animal Reproduction, Coll. Agric., Kinki Univ.,
Nara 631 Japan
SOURCE: Journal of Experimental Zoology, (1997) Vol. 278, No. 4,
pp. 250-254.
ISSN: 0022-104X.
DOCUMENT TYPE: Article
LANGUAGE: English

L4 ANSWER 40 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1996:431418 BIOSIS
DOCUMENT NUMBER: PREV199699145024
TITLE: Reducing the amount of **cytoplasm** available for
early **embryonic** development decreases the quality
but not quantity of embryos produced by in vitro
fertilization and nuclear transplantation.
AUTHOR(S): Westhusin, M. E. (1); Collas, P.; Marek, D.; Sullivan, E.;
Stepp, P.; Pryor, J.; Barnes, F.
CORPORATE SOURCE: (1) Dep. Veterinary Physiol. Pharmacol., Coll. Veterinary
Med., Texas A and M Univ., College Station, TX 77843-4466
USA
SOURCE: Theriogenology, (1996) Vol. 46, No. 2, pp. 243-252.
ISSN: 0093-691X.
DOCUMENT TYPE: Article
LANGUAGE: English

L4 ANSWER 41 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1995:405760 BIOSIS
DOCUMENT NUMBER: PREV199598420060
TITLE: Carry-over of mRNA during **nuclear**
transfer in pigs.
AUTHOR(S): Parry, T. W.; Prather, R. S. (1)
CORPORATE SOURCE: (1) 162, Animal Sci. Res. Cent., Dep. Animal Sci., Univ.
Missouri-Columbia, Columbia, MO 65211 USA
SOURCE: Reproduction Nutrition Development, (1995) Vol. 35, No. 3,
pp. 313-318.
ISSN: 0926-5287.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English; French

L4 ANSWER 42 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1993:192260 BIOSIS
DOCUMENT NUMBER: PREV199395102710
TITLE: Assessment of cytoplasmic effects on the development of
mouse **embryonic** nuclei transferred to enucleated
zygotes.

AUTHOR(S): Cheong, H. T.; Kanagawa, H.
CORPORATE SOURCE: Dep. Theriogenol., Fac. Vet. Med., Hokkaido Univ., Sapporo
060 Japan
SOURCE: Theriogenology, (1993) Vol. 39, No. 2, pp. 451-461.
ISSN: 0093-691X.
DOCUMENT TYPE: Article
LANGUAGE: English

L4 ANSWER 43 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1992:140425 BIOSIS
DOCUMENT NUMBER: BA93:74650
TITLE: FULL-TERM REPROGRAMMING OF FROZEN **EMBRYONIC**
NUCLEI AFTER **NUCLEAR TRANSFER** IN THE
RABBIT SPECIES.
AUTHOR(S): HEYMAN Y; CHESNE P; RENARD J-P
CORPORATE SOURCE: I.N.R.A., UNITE BIOL. DEVELOPPEMENT, 78352 JOUY-EN-JOSAS
CEDEX, FRANCE.
SOURCE: C R ACAD SCI SER III SCI VIE, (1990) 311 (9), 321-326.
CODEN: CRASEV. ISSN: 0764-4469.
FILE SEGMENT: BA; OLD
LANGUAGE: French; English

L4 ANSWER 44 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1992:93809 BIOSIS
DOCUMENT NUMBER: BA93:50359
TITLE: MATERNAL RNA SYNTHESIS AND ROLE IN EARLY **EMBRYONIC**
DEVELOPMENT OF ANIMALS.
AUTHOR(S): STEPINSKA U
CORPORATE SOURCE: JASTRZEBIEC, 05-551 MROKOW, POLAND.
SOURCE: POSTEPY BIOL KOMORKI, (1991) 18 (2), 117-138.
CODEN: PBKODV. ISSN: 0324-833X.
FILE SEGMENT: BA; OLD
LANGUAGE: Polish

L4 ANSWER 45 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1991:423339 BIOSIS
DOCUMENT NUMBER: BR41:72884
TITLE: THE DDK INBRED STRAIN AS A MODEL FOR THE STUDY OF
INTERACTIONS BETWEEN PARENTAL GENOMES AND EGG
CYTOPLASM IN MOUSE PREIMPLANTATION DEVELOPMENT.
AUTHOR(S): BABINET C; RICHOUX V; GUENET J-L; RENARD J-P
CORPORATE SOURCE: INST. PASTEUR, UNITE GENETIQUE MAMMIFERES, 25 RUE DU
DOCTEUR ROUX, 75015 PARIS, FR.
SOURCE: MONK, M. AND A. SURANI (ED.). DEVELOPMENT SUPPLEMENT,
1990.
GENOMIC IMPRINTING; MEETING, MANCHESTER, ENGLAND, UK,
APRIL
1990. IV+155P. THE COMPANY OF BIOLOGISTS LTD.: CAMBRIDGE,
ENGLAND, UK. ILLUS, (1990) 0 (0), 81-88.
CODEN: DESUED. ISBN: 0-948601-26-4.
DOCUMENT TYPE: Conference
FILE SEGMENT: BR; OLD
LANGUAGE: English

L4 ANSWER 46 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1990:90261 BIOSIS
DOCUMENT NUMBER: BA89:49612
TITLE: ANAPLASMA-MARGINALE IN TICK CELL CULTURE.

AUTHOR(S): HIDALGO R J; JONES E W; BROWN J E; AINSWORTH A J
CORPORATE SOURCE: SCH. VET. MED., LA. STATE UNIV., BATON ROUGE, LA 70803,
USA.
SOURCE: AM J VET RES, (1989) 50 (12), 2028-2032.
CODEN: AJVRAH. ISSN: 0002-9645.
FILE SEGMENT: BA; OLD
LANGUAGE: English

L4 ANSWER 47 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1988:307578 BIOSIS
DOCUMENT NUMBER: BA86:24616
TITLE: DIPLOID MOUSE EMBRYOS CONSTRUCTED AT THE LATE 2-CELL STAGE
FROM HAPLOID PARTHENOTES AND ANDROGENOTES CAN DEVELOP TO
TERM.
AUTHOR(S): BARRA J; RENARD J-P
CORPORATE SOURCE: UNITE DE GENETIQUE DES MAMMIFERES, INST. PASTEUR, 25 RUE
DU
DOCTEUR ROUX, 75015, FRANCE.
SOURCE: DEVELOPMENT (CAMB), (1988) 102 (4), 773-780.
CODEN: DEVPED. ISSN: 0950-1991.
FILE SEGMENT: BA; OLD
LANGUAGE: English

L4 ANSWER 48 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1985:241633 BIOSIS
DOCUMENT NUMBER: BA79:21629
TITLE: POSSIBLE MECHANISMS UNDERLYING EXPRESSION OF MS-3 RNA IN
MOUSE **EMBRYONAL** CARCINOMA CELLS.
AUTHOR(S): XU Y; BRULET P
CORPORATE SOURCE: KUNMING INST. ZOOL., ACADEMIA SINICA.
SOURCE: ZOOL RES, (1984) 5 (2), 139-144.
CODEN: DOYADI. ISSN: 0254-5853.
FILE SEGMENT: BA; OLD
LANGUAGE: English

L4 ANSWER 49 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1979:148205 BIOSIS
DOCUMENT NUMBER: BA67:28205
TITLE: STRUCTURE OF EUKARYOTIC CHROMOSOMES AND CHROMATIN PART 2
INTRODUCTORY REMARKS DNA AND GENES.
AUTHOR(S): WALKER P M B
CORPORATE SOURCE: MED. RES. COUNC. MAMM. GENOME UNIT, DEP. ZOOL., UNIV.,
EDINBURGH EH9 3JT, SCOTT., UK.
SOURCE: PHILOS TRANS R SOC LOND B BIOL SCI, (1978) 283 (997),
305-308.
CODEN: PTRBAE. ISSN: 0080-4622.
FILE SEGMENT: BA; OLD
LANGUAGE: English

L4 ANSWER 50 OF 82 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1976:171100 BIOSIS
DOCUMENT NUMBER: BA62:1100
TITLE: A STUDY OF RNA TRANSPORT FROM NUCLEUS TO **CYTOPLASM**
IN ACETABULARIA-MEDITERRANEA.
AUTHOR(S): PRESSMAN E K; RAZUMOVA V P; SANDAKHCHIEV L S; LEVIN I M
SOURCE: ONTOGENEZ, (1975 (RECD 1976)) 6 (3), 300-303.
CODEN: ONGZAC. ISSN: 0475-1450.
FILE SEGMENT: BA; OLD

LANGUAGE: Unavailable

L4 ANSWER 51 OF 82 MEDLINE
ACCESSION NUMBER: 2000196673 MEDLINE
DOCUMENT NUMBER: 20196673 PubMed ID: 10732124
TITLE: Responses of oocytes and embryos to the culture environment.
AUTHOR: Krisher R L; Bavister B D
CORPORATE SOURCE: Department of Animal Health and Biomedical Sciences, University of Wisconsin-Madison 53706, USA.
SOURCE: THERIOGENOLOGY, (1998 Jan 1) 49 (1) 103-14. Ref: 59
Journal code: E68; 0421510. ISSN: 0093-691X.
PUB. COUNTRY: United States
Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200004
ENTRY DATE: Entered STN: 20000413
Last Updated on STN: 20000413
Entered Medline: 20000407

L4 ANSWER 52 OF 82 MEDLINE
ACCESSION NUMBER: 96438074 MEDLINE
DOCUMENT NUMBER: 96438074 PubMed ID: 8840528
TITLE: The nuclear localization sequence of the SV40 T antigen promotes transgene uptake and expression in zebrafish embryo nuclei.
AUTHOR: Collas P; Husebye H; Alestrom P
CORPORATE SOURCE: Department of Biochemistry, Norwegian College of Veterinary Medicine, Oslo, Norway.
SOURCE: TRANSGENIC RESEARCH, (1996 Nov) 5 (6) 451-8.
Journal code: BRX; 9209120. ISSN: 0962-8819.
PUB. COUNTRY: ENGLAND: United Kingdom
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199612
ENTRY DATE: Entered STN: 19970128
Last Updated on STN: 19970128
Entered Medline: 19961210

L4 ANSWER 53 OF 82 MEDLINE
ACCESSION NUMBER: 96047636 MEDLINE
DOCUMENT NUMBER: 96047636 PubMed ID: 7570369
TITLE: Cellular adaptation to chronic cadmium exposure: intracellular localization of metallothionein protein in human trophoblast cells (JAR).
AUTHOR: Breen J G; Nelson E; Miller R K
CORPORATE SOURCE: Department of Obstetrics and Gynecology, University of Rochester Medical Center, New York 14642-8668, USA.
CONTRACT NUMBER: ES01247 (NIEHS)
ES02744 (NIEHS)
ES07026 (NIEHS)
+
SOURCE: TERATOLOGY, (1995 Apr) 51 (4) 266-72.

JOURNAL code: VM8; 0153257. ISSN: 0040-3709.
PUB. COUNTRY: United States
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199511
ENTRY DATE: Entered STN: 19951227
Last Updated on STN: 19970203
Entered Medline: 19951114

L4 ANSWER 54 OF 82 MEDLINE
ACCESSION NUMBER: 91063269 MEDLINE
DOCUMENT NUMBER: 91063269 PubMed ID: 2248138
TITLE: Mouse chimeras and genetic rescue of mosaic muscle.
AUTHOR: Peterson A; Cross D
CORPORATE SOURCE: Ludwig Institute, Montreal, Quebec, Canada.
SOURCE: ADVANCES IN EXPERIMENTAL MEDICINE AND BIOLOGY, (1990) 280
173-85. Ref: 36
Journal code: 2LU; 0121103. ISSN: 0065-2598.
PUB. COUNTRY: United States
Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199101
ENTRY DATE: Entered STN: 19910222
Last Updated on STN: 19910222
Entered Medline: 19910104

L4 ANSWER 55 OF 82 MEDLINE
ACCESSION NUMBER: 90365680 MEDLINE
DOCUMENT NUMBER: 90365680 PubMed ID: 1697457
TITLE: Structure and function of the nuclear pore complex: new perspectives.
AUTHOR: Starr C M; Hanover J A
CORPORATE SOURCE: Laboratory of Biochemistry and Metabolism, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Bethesda, Maryland 20892.
SOURCE: BIOESSAYS, (1990 Jul) 12 (7) 323-30. Ref: 49
Journal code: 9YY; 8510851. ISSN: 0265-9247.
PUB. COUNTRY: ENGLAND: United Kingdom
Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW LITERATURE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199010
ENTRY DATE: Entered STN: 19901109
Last Updated on STN: 19960129
Entered Medline: 19901004

L4 ANSWER 56 OF 82 MEDLINE
ACCESSION NUMBER: 89241616 MEDLINE
DOCUMENT NUMBER: 89241616 PubMed ID: 3073444
TITLE: [Action of the paternal genome at the beginning of embryonic development].
L'action du genome paternel au debut du developpement

embryonnaire.
AUTHOR: Renard J P; Barra J; Babinet C
CORPORATE SOURCE: Unite de Genetique des Mammiferes, Institut Pasteur,
Paris.
SOURCE: REPRODUCTION, NUTRITION, DEVELOPPEMENT, (1988) 28 (6B)
1541-54. Ref: 71
Journal code: R57; 8005903. ISSN: 0181-1916.
PUB. COUNTRY: France
Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: French
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198906
ENTRY DATE: Entered STN: 19900306
Last Updated on STN: 19900306
Entered Medline: 19890619

L4 ANSWER 57 OF 82 MEDLINE
ACCESSION NUMBER: 89065531 MEDLINE
DOCUMENT NUMBER: 89065531 PubMed ID: 3198051
TITLE: Fine structure of early human embryos frozen with 1,2
propanediol.
AUTHOR: Ng S C; Sathananthan A H; Wong P C; Ratnam S S; Ho J; Mok
H; Lee M N
CORPORATE SOURCE: Department of Obstetrics and Gynecology, National
University Hospital, Singapore.
SOURCE: GAMETE RESEARCH, (1988 Mar) 19 (3) 253-63.
Journal code: GAM; 7806559. ISSN: 0148-7280.
PUB. COUNTRY: United States
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198901
ENTRY DATE: Entered STN: 19900308
Last Updated on STN: 19980206
Entered Medline: 19890117

L4 ANSWER 58 OF 82 MEDLINE
ACCESSION NUMBER: 84113425 MEDLINE
DOCUMENT NUMBER: 84113425 PubMed ID: 6141214
TITLE: Nuclear transplantation in mouse embryos.
AUTHOR: McGrath J; Solter D
CONTRACT NUMBER: CA-10815 (NCI)
CA-25875 (NCI)
CA-27932 (NCI)
+
SOURCE: JOURNAL OF EXPERIMENTAL ZOOLOGY, (1983 Nov) 228 (2)
355-62.
Journal code: I47; 0375365. ISSN: 0022-104X.
PUB. COUNTRY: United States
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198403
ENTRY DATE: Entered STN: 19900319
Last Updated on STN: 19970203
Entered Medline: 19840314

L4 ANSWER 59 OF 82 MEDLINE
 ACCESSION NUMBER: 80037977 MEDLINE
 DOCUMENT NUMBER: 80037977 PubMed ID: 494712
 TITLE: [Evolution of the tegument of Polystoma (Monogenea Polystomatidae) during the cycle. Persistence of the nucleated **embryonic** epidermis in oncomiracidia (author's transl)].
 Evolution du tegument des Polystoma (Monogenes polystomatidae) au cours du cycle. Persistance de l'epiderme **embryonnaire** nucleee chez les oncomiracidiums.
 AUTHOR: Fournier A
 SOURCE: ZEITSCHRIFT FUR PARASITENKUNDE, (1979 Aug) 59 (2) 169-85.
 PUB. COUNTRY: GERMANY, WEST: Germany, Federal Republic of
 Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: French
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 197912
 ENTRY DATE: Entered STN: 19900315
 Last Updated on STN: 19900315
 Entered Medline: 19791227

L4 ANSWER 60 OF 82 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 2001:472909 CAPLUS
 DOCUMENT NUMBER: 135:41785
 TITLE: **Embryonic** or **stem**-like cells
 produced by cross species nuclear transplantation
 INVENTOR(S): Cibelli, Jose; Lanza, Robert; Robl, James
 PATENT ASSIGNEE(S): University of Massachusetts, USA
 SOURCE: PCT Int. Appl., 70 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001046401	A1	20010628	WO 2000-US12631	20000510
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 1999-467076 A 19991220	
REFERENCE COUNT:			9	
REFERENCE(S):			(1) Bradley; Biotechnology 1992, V10, P534 MEDLINE (3) Dominko; Biology of Reproduction 1999, V60, P1496 CAPLUS (4) Granerus; Cell Proliferation 1996, V29(6), P309 CAPLUS	

(6) Stice; Theriogenology 1998, V49, P129 CAPLUS
(7) Tsukamoto; US 5716827 A 1998 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 61 OF 82 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 2001:472405 CAPLUS
DOCUMENT NUMBER: 135:41784
TITLE: A **nuclear transfer** method to
produce cloned embryos and adults from cultured
embryonic stem cells
INVENTOR(S): Perry, Anthony C. F.; Mombaerts, Peter; Wakayama,
Teruhiko
PATENT ASSIGNEE(S): USA
SOURCE: PCT Int. Appl., 74 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001045500	A1	20010628	WO 2000-US34517	20001220
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 1999-172683	P 19991220
REFERENCE COUNT:	3			
REFERENCE(S):	(1) Nagy, A; Proc Natl Acad Sci USA 1993, V90, P8424 MEDLINE (2) Tsuda, H; Genomics 1997, V42, P413 CAPLUS (3) Wakayama, T; Proc Natl Acad Sci USA 1999, V96(26), P14984 CAPLUS			

L4 ANSWER 62 OF 82 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 2001:37957 CAPLUS
DOCUMENT NUMBER: 134:66794
TITLE: The significance of cloning. Perceptions on natural
and experimental totipotency to pave the way for new
perspectives in transplantation medicine
AUTHOR(S): Beier, Henning M.
CORPORATE SOURCE: Institut fur Anatomie und Reproduktionsbiologie
Universitätsklinikum der RWTH Aachen, Aachen, 52072,
Germany
SOURCE: Nova Acta Leopold. (2000), 83(318), 37-58
CODEN: NOALA4; ISSN: 0369-5034
PUBLISHER: Deutsche Akademie der Naturforscher Leopoldina
DOCUMENT TYPE: Journal; General Review
LANGUAGE: German
REFERENCE COUNT: 70
REFERENCE(S): (2) Antczak, M; Mol Human Reprod 1997, V3, P1067

CAPLUS
 (8) Brustle, O; Science 1999, V285, P754 CAPLUS
 (10) Campbell, K; Nature 1996, V380, P64 CAPLUS
 (12) Chan, A; Science 2000, V287, P317 CAPLUS
 (13) Cibelli, J; Science 1998, V280, P1256 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 63 OF 82 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 2000:772740 CAPLUS
 DOCUMENT NUMBER: 133:318281
 TITLE: Telophase enucleated oocytes for **nuclear transfer**
 INVENTOR(S): Smith, Lawrence C.; Bordignon, Vilceu
 PATENT ASSIGNEE(S): Universite de Montreal, Can.
 SOURCE: PCT Int. Appl., 28 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000065035	A1	20001102	WO 2000-CA483	20000427
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 1999-131469 P 19990428	
REFERENCE COUNT:			6	
REFERENCE(S):			(1) Baguisi, A; NAT BIOTECHNOL 1999, V17(5), P456 CAPLUS (2) Bordignon, V; MOLECULAR REPRODUCTION AND DEVELOPMENT 1998, V49(1), P29 CAPLUS (4) Nour, M; THERIOGENOLOGY 1999, V51(3), P661	
MEDLINE			(5) Sun, F; CURRENT TOPICS IN DEVELOPMENTAL BIOLOGY 1995, V30, P147 CAPLUS (6) Wilmut, I; NATURE 1997, V385(6619), P810 CAPLUS ALL CITATIONS AVAILABLE IN THE RE FORMAT	

L4 ANSWER 64 OF 82 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 2000:618733 CAPLUS
 DOCUMENT NUMBER: 133:279458
 TITLE: Behavior of M-phase synchronized blastomeres after **nuclear transfer** in cattle
 AUTHOR(S): Alberio, Ramiro; Motlik, Jan; Stojkovic, Miodrag; Wolf, Eckhard; Zakhartchenko, Valeri
 CORPORATE SOURCE: Department of Molecular Animal Breeding and Genetics, Ludwig-Maximilian University, Oberschleissheim, Germany
 SOURCE: Mol. Reprod. Dev. (2000), 57(1), 37-47
 CODEN: MREDEE; ISSN: 1040-452X

PUBLISHER: Wiley-Liss, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 57
REFERENCE(S): (3) Barnes, F; Mol Reprod Dev 1991, V29, P117 CAPLUS
(6) Campbell, K; Biol Reprod 1993, V49, P933 CAPLUS
(8) Campbell, K; Rev Reprod 1996, V1, P40 CAPLUS
(9) Can, A; Mol Reprod Dev 1997, V46, P351 CAPLUS
(10) Can, A; Mut Research 1997, V373, P139 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 65 OF 82 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 2000:384398 CAPLUS
DOCUMENT NUMBER: 133:27336
TITLE: Histidylated oligolysines increase the transmembrane
passage and the biological activity of antisense
oligonucleotides
INVENTOR(S): Midoux, Patrick; Pichon, Chantal; Bello-Roufai,
Mahajoub; Monsigny, Michel
PATENT ASSIGNEE(S): I.D.M. Immuno-Designed Molecules, Fr.
SOURCE: PCT Int. Appl., 64 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000032764	A1	20000608	WO 1999-EP8980	19991122
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1135481	A1	20010926	EP 1999-959296	19991122
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			EP 1998-403015	A 19981202
			WO 1999-EP8980	W 19991122

REFERENCE COUNT: 6
REFERENCE(S): (2) Hatzenbuehler, N; US 5627270 A 1997 CAPLUS
(3) Hisamitsu Pharmaceutical Co; EP 0727223 A 1996 CAPLUS
(4) Idm Immuno Designed Molecules; WO 9822610 A 1998 CAPLUS
(5) Midoux, P; BIOCONJUGATE CHEMISTRY 1998, V9(2), P260 CAPLUS
(6) Schacht Etienne Honore; WO 9819710 A 1998 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 66 OF 82 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 2000:161426 CAPLUS
DOCUMENT NUMBER: 132:191420

TITLE: Primate **embryonic stem** cells with compatible histocompatibility genes and preparation of the cells

INVENTOR(S): Thomson, James A.

PATENT ASSIGNEE(S): Wisconsin Alumni Research Foundation, USA

SOURCE: PCT Int. Appl., 20 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000012682	A1	20000309	WO 1999-US9784	19990505
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9938814	A1	20000321	AU 1999-38814	19990505
EP 1117764	A1	20010725	EP 1999-921665	19990505
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRIORITY APPLN. INFO.:			US 1998-98712	P 19980901
			WO 1999-US9784	W 19990505
REFERENCE COUNT:			6	
REFERENCE(S):			(1) Born, E; DE 19709549 A 1998	
			(2) Univ Massachusetts; WO 9807841 A 1998 CAPLUS	
			(3) Univ Massachusetts A Public In; WO 9830683 A 1998 CAPLUS	
			(4) Univ Monash; WO 9503398 A 1995	
			(5) Wisconsin Alumni Res Found; WO 9622362 A 1996 CAPLUS	
ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L4 ANSWER 67 OF 82 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 2000:133382 CAPLUS

DOCUMENT NUMBER: 132:176573

TITLE: Method of performing single shot double transgenesis (one manipulation) involving microinjection of oocytes

INVENTOR(S): Perry, Anthony C. F.; Wakayama, Teruhiko

PATENT ASSIGNEE(S): USA

SOURCE: PCT Int. Appl., 45 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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L4 ANSWER 69 OF 82 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1997:471366 CAPLUS
 DOCUMENT NUMBER: 127:186307
 TITLE: Production of cloned lambs from an established
embryonic cell line: a comparison between in
 vivo- and in vitro-matured cytoplasts
 AUTHOR(S): Wells, David N.; Misica, Pavla M.; Day, A. M.;
 Tervit,
 H. Robin
 CORPORATE SOURCE: Ruakura Research Centre, AgResearch, Hamilton, N. Z.
 SOURCE: Biol. Reprod. (1997), 57(2), 385-393
 CODEN: BIREBV; ISSN: 0006-3363
 PUBLISHER: Society for the Study of Reproduction
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L4 ANSWER 70 OF 82 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1988:605721 CAPLUS
 DOCUMENT NUMBER: 109:205721
 TITLE: Gene transfer in the sea urchin
 AUTHOR(S): Hough-Evans, Barbara R.; Davidson, Eric H.
 CORPORATE SOURCE: Div. Biol., California Inst. Technol., Pasadena, CA,
 91125, USA
 SOURCE: Genet. Eng. (N. Y.) (1987), 9, 1-25
 CODEN: GENGDC; ISSN: 0196-3716
 DOCUMENT TYPE: Journal; General Review
 LANGUAGE: English

L4 ANSWER 71 OF 82 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1974:93534 CAPLUS
 DOCUMENT NUMBER: 80:93534
 TITLE: Glucocorticoid binding sites in rat brain.
 Subcellular and anatomical localizations
 AUTHOR(S): McEwen, Bruce S.
 CORPORATE SOURCE: Rockefeller Univ., New York, N. Y., USA
 SOURCE: Progr. Brain Res. (1973), 39, 87-97
 CODEN: PBRAA4
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L4 ANSWER 72 OF 82 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1972:431259 CAPLUS
 DOCUMENT NUMBER: 77:31259
 TITLE: Differentiation of chick embryo cerebral hemispheres.
 Critical evaluation of a bulk preparation of
 neuroblasts and spongioblasts
 AUTHOR(S): Judes, C.; Jacob, M.; Kister, L.
 CORPORATE SOURCE: Cent. Neurochim., CNRS, Strasbourg, Fr.
 SOURCE: J. Neurochem. (1972), 19(4), 1147-57
 CODEN: JONRA9
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L4 ANSWER 73 OF 82 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1971:21069 CAPLUS
 DOCUMENT NUMBER: 74:21069
 TITLE: RNA in human leukocytes

AUTHOR(S): Blinov, M. N.; Seits, I. F.
CORPORATE SOURCE: Lab. Biochem., Leningrad Sci.-Res. Inst. Haematol.
Blood Transfus., Leningrad, USSR
SOURCE: Biokhimiya (1970), 35(4), 740-5
CODEN: BIOHAO
DOCUMENT TYPE: Journal
LANGUAGE: Russian

L4 ANSWER 74 OF 82 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1970:39374 CAPLUS
DOCUMENT NUMBER: 72:39374
TITLE: Effect of thyrotropin on RNA synthesis in fetal rat
thyroid glands in organotypic culture
AUTHOR(S): Imbenotte, J.; Nataf, B.; Harel, J.
CORPORATE SOURCE: Inst. Gustave Roussy, Villejuif, Fr.
SOURCE: Bull. Soc. Chim. Biol. (1969), 51(2), 428-32
CODEN: BSCIA3
DOCUMENT TYPE: Journal
LANGUAGE: French

L4 ANSWER 75 OF 82 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1969:447045 CAPLUS
DOCUMENT NUMBER: 71:47045
TITLE: Transcription of repetitive DNA sequences in
embryogenesis
AUTHOR(S): Rachkus, Yu. A.; Timofeeva, M. Ya.; Kupriyanova, N.
S.; Kafiani, K. A.
CORPORATE SOURCE: Inst. Mol. Biol., Moscow, USSR
SOURCE: Mol. Biol. (1969), 3(3), 428-40
CODEN: MOBIBO
DOCUMENT TYPE: Journal
LANGUAGE: Russian

L4 ANSWER 76 OF 82 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1969:410757 CAPLUS
DOCUMENT NUMBER: 71:10757
TITLE: Properties of nuclear RNA in sea urchin embryos
AUTHOR(S): Aronson, Arthur I.; Wilt, Fred H.
CORPORATE SOURCE: Purdue Univ., Lafayette, Indiana, USA
SOURCE: Proc. Nat. Acad. Sci. U. S. (1969), 62(1), 186-93
CODEN: PNASA6
DOCUMENT TYPE: Journal
LANGUAGE: English

L4 ANSWER 77 OF 82 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1969:9605 CAPLUS
DOCUMENT NUMBER: 70:9605
TITLE: Cytonucleoproteins in cleaving eggs of *Xenopus laevis*
AUTHOR(S): Arms, K.
CORPORATE SOURCE: Univ. Oxford, Oxford, Engl.
SOURCE: J. Embryol. Exp. Morphol. (1968), 20(3), 367-74
CODEN: JEEMAF
DOCUMENT TYPE: Journal
LANGUAGE: English

L4 ANSWER 78 OF 82 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1968:474787 CAPLUS
DOCUMENT NUMBER: 69:74787

TITLE: Biochemical changes during fertilization and early
embryonic development [of sea urchin and
amphibian eggs]
AUTHOR(S): Brachet, J.
CORPORATE SOURCE: Univ. Libre Bruxelles, Brussels, Belg.
SOURCE: Cell Differentiation, Ciba Found. Symp. (1967),
39-64.
Editor(s): De Reuck, A., ed.. Little, Brown and Co.:
Boston, Mass.
CODEN: 19ZIAT
DOCUMENT TYPE: Conference
LANGUAGE: English

L4 ANSWER 79 OF 82 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1966:37940 CAPLUS
DOCUMENT NUMBER: 64:37940
ORIGINAL REFERENCE NO.: 64:7088f-h,7089a-b
TITLE: Metabolism of nucleic acids in Acetabularia.
mediterranea. I. Incorporation of the precursors of
DNA, RNA, and proteins
AUTHOR(S): de Vitry, Francoise
CORPORATE SOURCE: Univ. Libre, Brussels, Belg.
SOURCE: Bull. Soc. Chim. Biol. (1965), 47(7), 1325-51
DOCUMENT TYPE: Journal
LANGUAGE: French

L4 ANSWER 80 OF 82 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1966:13338 CAPLUS
DOCUMENT NUMBER: 64:13338
ORIGINAL REFERENCE NO.: 64:2476d-f
TITLE: Synthesis of ribonucleic acids in whole embryos and
in
the isolated ectoderm of Triturus alpestris
AUTHOR(S): Tiedemann, H.; Born, J.; Kocher-Becker, U.
SOURCE: Z. Naturforsch. (1965), 20b(10), 997-1004
DOCUMENT TYPE: Journal
LANGUAGE: German

L4 ANSWER 81 OF 82 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1963:442722 CAPLUS
DOCUMENT NUMBER: 59:42722
ORIGINAL REFERENCE NO.: 59:7777f-h
TITLE: Synthesis of transfer ribonucleic acid (RNA) by
isolated nuclei
AUTHOR(S): Chipchase, Margaret I. H.; Birnstiel, Max L.
CORPORATE SOURCE: California Inst. of Technol., Pasadena
SOURCE: Proc. Natl. Acad. Sci. U.S. (1963), 49, 692-9
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L4 ANSWER 82 OF 82 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1963:423581 CAPLUS
DOCUMENT NUMBER: 59:23581
ORIGINAL REFERENCE NO.: 59:4310a-c
TITLE: Occurrence of deoxyribonucleic acid (DNA) in the
gametes and in the first stages of Gryllus oogenesis
AUTHOR(S): Durand, Michel
SOURCE: Bull. Biol. France Belg. (1961), 95(No. 3503), 28-122